

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method for producing vanillin in cultured *Vanilla planifolia*, which comprises:
 - a) providing a tissue culture of said *Vanilla planifolia*; and
 - b) supplementing the culture with a compound selected from the group consisting of malic acid at a concentration of about 3% by weight of the culture medium, 1mM 3,4-dihydroxybenzaldehyde and 30 µg/ml glycosylated lysozyme;
 - c) culturing the *Vanilla planifolia* in the presence of the compound, thereby producing vanillin.
2. (Original) The method of claim 1, wherein the tissue culture is an embryo culture.
3. (Canceled).
4. (Previously Presented) A method for producing vanillin in cultured *Vanilla planifolia*, which comprises:
 - a) providing a tissue culture of said *Vanilla planifolia*;
 - b) subjecting the culture to mechanical shear stress for 21 days; and
 - c) adding malic acid at a concentration of between about 1% and 3% by weight of the culture medium.
5. (Previously Presented) The method of claim 4, wherein the culture is supplemented with 3,4-dihydroxybenzaldehyde at a concentration of between about 0.1 and 5 mM.
6. (Currently Amended) The method of claim 4, wherein the culture is ~~further~~ supplemented with about 0.01 to about 5% by weight of a compound selected from the group consisting of succinic acid, oxaloacetic acid, citric acid and pyruvic acid.